

**ORGANIZATIONAL, DIRECT SUPPORT,
AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)
FOR**

**AIR CONDITIONER, VERTICAL, COM
18,000 BTU, 208 VOLT, 3 PHASE, 400 H
WEDJ MODEL VM 18000-400
NSN 4120-00-152-1150**

General Support Maintenance
Repair Parts and Special Tools List
(Including Depot Maintenance Repair Parts and Special Tools)

For

AIR CONDITIONER, VERTICAL COMPACT, 18,000 BTU
208 VOLTS, THREE PHASE, 400 HERTZ
(WEDJ MODEL VM 18000-400)
NSN 4120-00-152-1150

TM 5-4120-350-24P, 2 November 1979, is changed as follows:

1. Remove and insert pages as indicated below. New or changed pages are indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

i/ii

9 through 12

17 through 20

29 and 30

33 through 35

Insert pages

i/ii

9 through 12

17 through 20

29 and 30

33 through 35

2. Retain this sheet in front of manual for reference purposes.

Order of the Secretary of the Army:

JOHN A. WICKHAM
General, United States Army
Chief of Staff

Special:

R. L. DILWORTH
Major General, United States Army
The Adjutant General

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To be distributed in accordance with DA Form 12-25A, Organizational Requirements and General Support Maintenance requirements for Air Conditioner, Vertical Compact, 18,000 BTU, 208V, 400HZ, 3PH (VM 18000-400)

CHANGE }
1 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 20315

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1. Remove and insert pages as indicated below.

	Remove pages	Insert pages
Section II	7 and 8 29 and 30	7 and 8 29 and 30

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ROBERT M. JOYCE
Major General, United States Army
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INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL
FOR**

**AIR CONDITIONER, VERTICAL COMPACT, 18,000 BTU
208 VOLTS, THREE PHASE, 400 HERTZ
(WEDJ MODEL VM 18000-400
NSN-4120-00-152-1150**

Current as of September 1979

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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support equipment required for operation and maintenance of organizational, direct support, support and depot maintenance of the Air Force.

1.

Section II - Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which are removed for replacement of the authorized parts. Its lists are composed of assembly groups arranged in numerical sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence, and are grouped in Section II.

Section III - Special Tools List. Not applicable.

Section IV - National Stock Number and Part Index. A list, in ascending numerical sequence, of all National Stock Numbers (NSN) appearing in the listings, followed by a list, in alphabetical sequence of all part numbers appearing in the listings. National Stock Number and part numbers are cross-referenced to each illustration and item number appearance.

Explanation of Columns.

The following provides an explanation of columns used in the tabular listing.

Figure Number. This column is divided as follows:

Figure Number. Indicates the figure number of the illustration in which the item is located.

Item Number. The number used to identify the item called out in the illustration.

to support items to indicate the manner of procuring support items for maintenance, repair and overhaul of end items. Source codes are entered in the first and second positions of the Uniform Format as follows:

Code	Definition
PA	Item procured and stocked for initial issue or known usage.
PB	Item procured and stocked for initial issue for purposes because essentially required for the that a minimum quantity be maintained in the the supply systems.
PC	Item procured and stocked for initial issue otherwise would be coded PA if it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue, fitting and stocked only for support of additional initial issues or for replacement. Not subject to automatic replacement.
PE	Support equipment procured for initial issue or outfitting for maintenance repair activities.
PF	Support equipment which is procured and stocked but which will be replaced on demand.
PG	Item procured and stocked for initial issue sustained support for the equipment. It is applied to all items peculiar to the equipment which, because of probable discontinuance or obsolescence at production facilities, would be uneconomical to reproduce at a depot level.
KD	An item of a depot overhaul kit and not purchased separately. Defined as a kit that provides the parts required at the time of overhaul.
KF	An item of a maintenance kit purchased separately. Mainly defined as a kit that provides the parts that can be replaced at organizational or intermediate levels of maintenance.

Item included in both a depot overhaul/repair kit and a maintenance kit.

Item to be manufactured or fabricated at organizational level.

Item to be manufactured or fabricated at the direct support maintenance level.

Item to be manufactured or fabricated at the general support maintenance level.

Item to be manufactured or fabricated at the depot support maintenance level.

Item to be assembled at organizational level.

Item to be assembled at direct support maintenance level.

Item to be assembled at general support maintenance level.

Item to be assembled at depot maintenance level.

Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

Item is not procured or stocked. If not available through salvage, requisition.

A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Salvage or salvage may be as a source of supply for any source coded above except those and XA or XP.

Maintenance Code. Maintenance codes are used to indicate the levels of maintenance required for USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(1) The maintenance code entered in the third position will indicate the lowest maintenance level required to remove, replace, and use the support item. The maintenance code entered in the fourth position will indicate one of the following:

- O Support item is removed, repaired, and replaced at the organizational level.
- F Support item is removed, repaired, and replaced at the direct support level.
- H Support item is removed, repaired, and replaced at the general support level.
- D Support items that are removed, repaired, and replaced, used at depot, mobilization, or specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). The fourth position will contain one of the following maintenance codes:

Code	Application/Explanation
O	The lowest maintenance level with the capability to perform complete repair of the support item is at the organizational level.
F	The lowest maintenance level with the capability to perform complete repair of the support item is at the direct support level.
H	The lowest maintenance level with the capability to perform complete repair of the support item is at the general support level.
D	The lowest maintenance level with the capability to perform complete repair of the support item is at the depot level.
L	Repair restricted to design and repair of Limited Repair Activity.
Z	Nonrepairable. No repair is authorized.
B	No repair is authorized. The item is to be removed, repaired, and replaced by adjusting, etc., at the user level. No parts or tools are procured for the maintenance of this item.

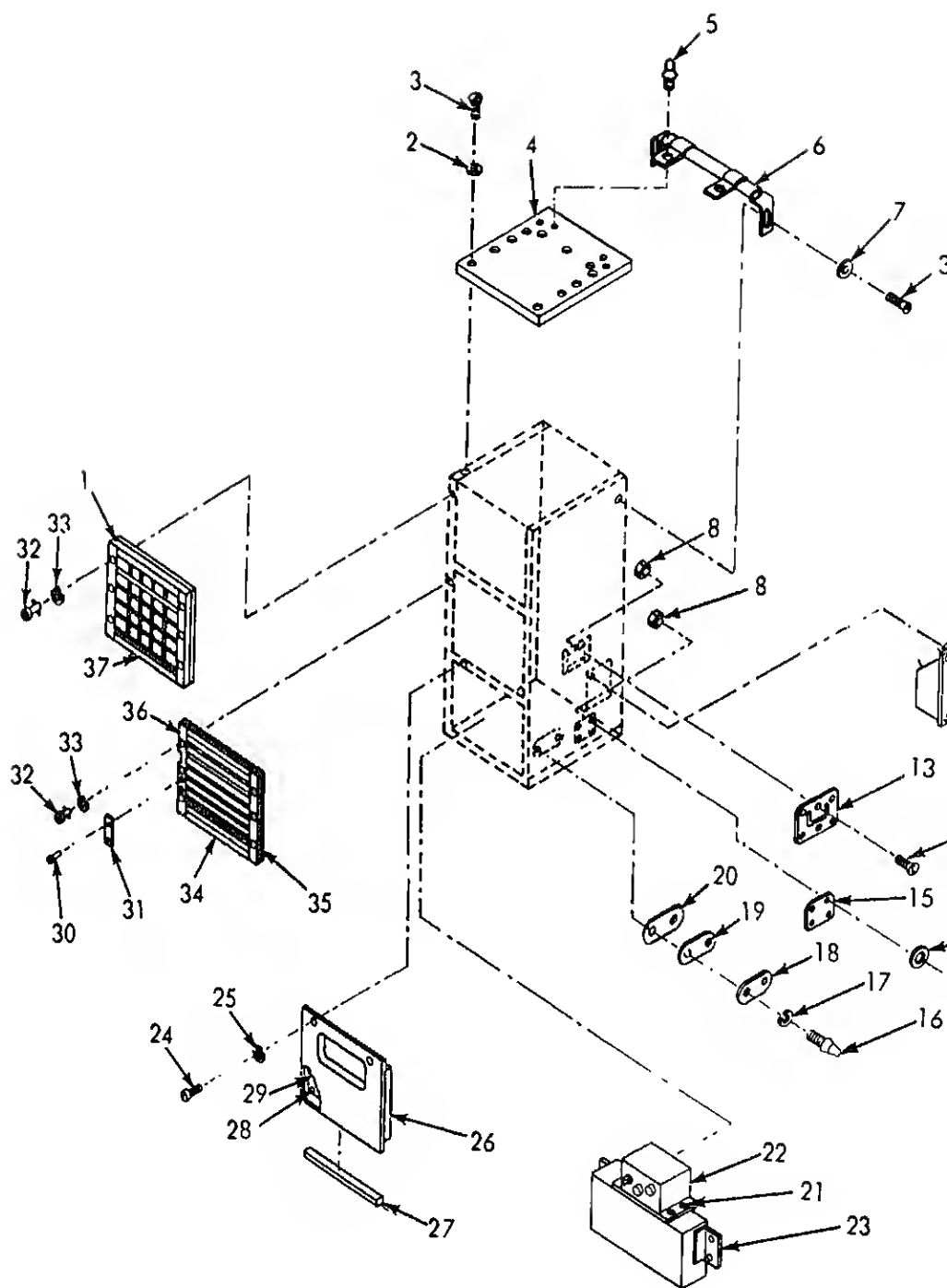
(3) **Recoverability Code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

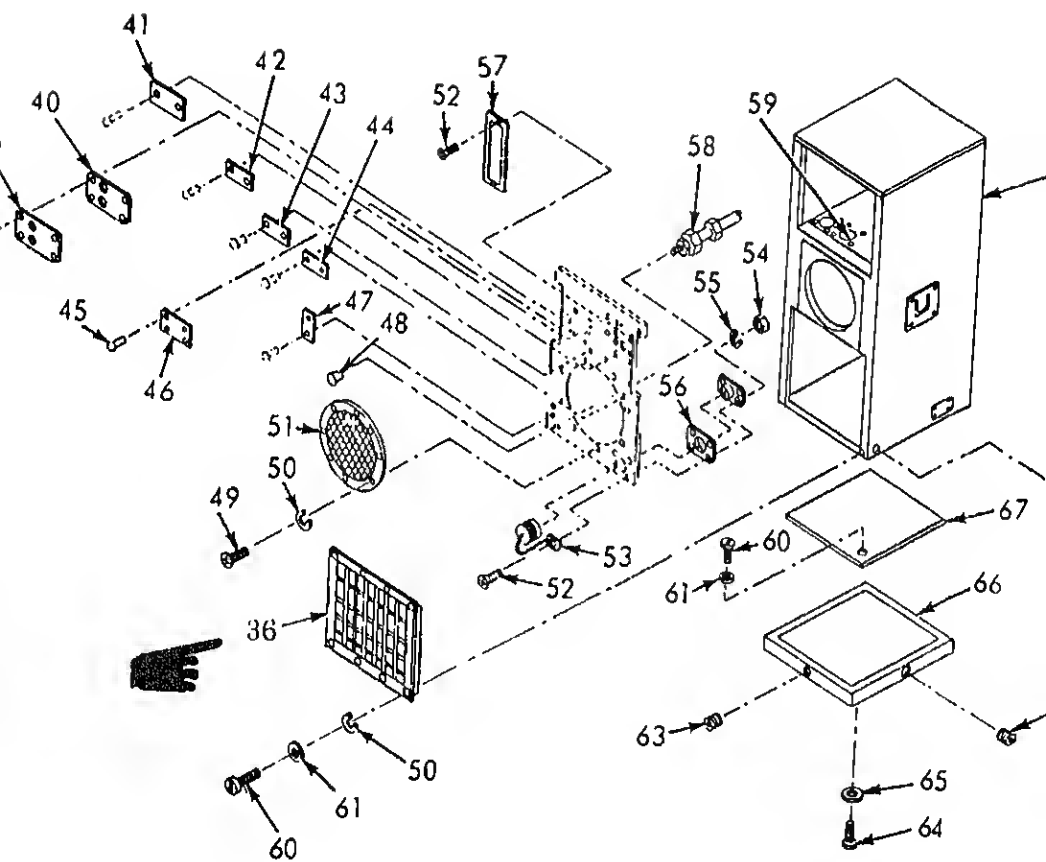
ascending ASN sequence followed by a list of part numbers in ascending alphanumeric sequence, cross-referenced to the illustration figure number and item number.

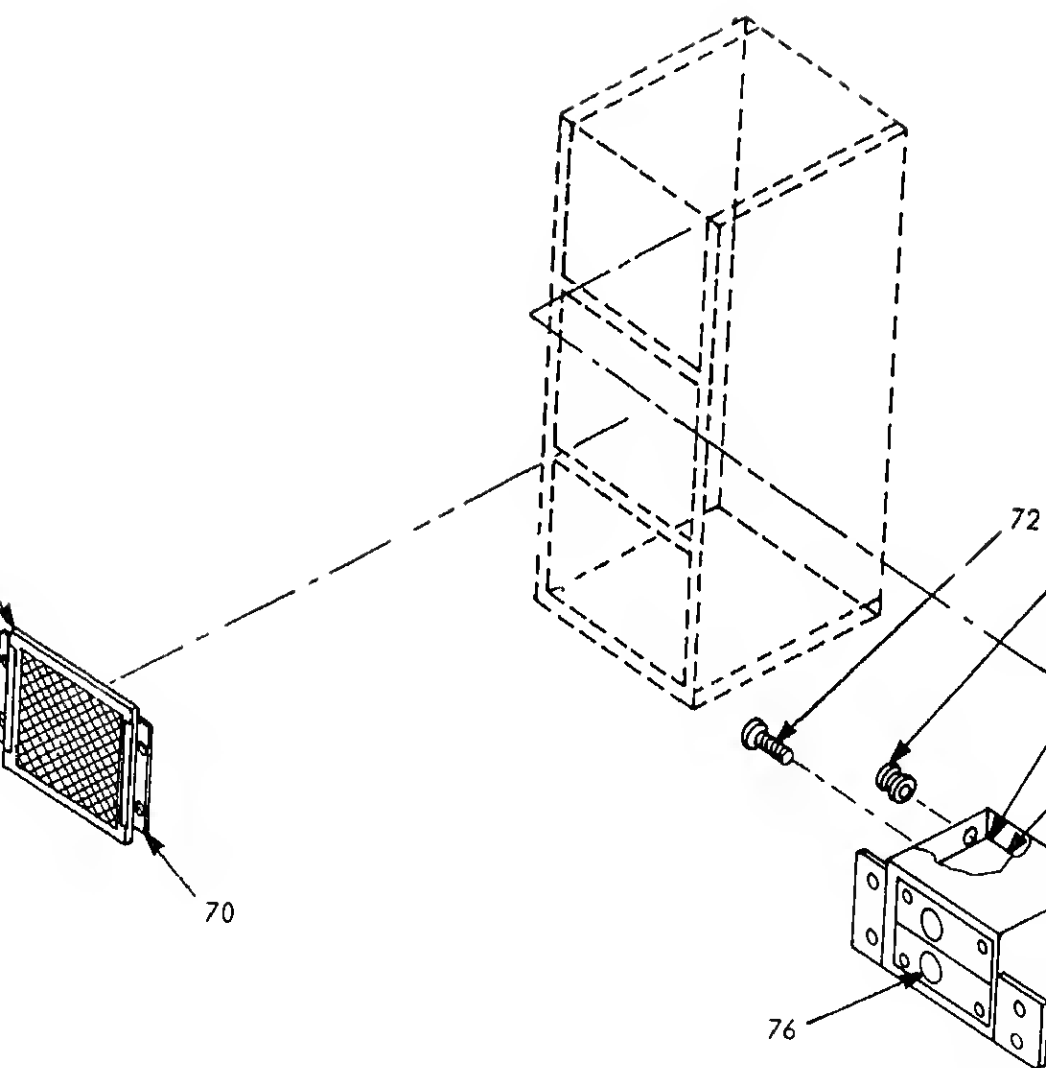
Abbreviations

Explanation

deg	degree(s)
ea	each
ft	feet (foot)
grp	group
id	inside diam
in.	inch (es)
lg	long (length)
mtg	mounting (s)
No.	Number (s)
od	outside diam
u/w	used with



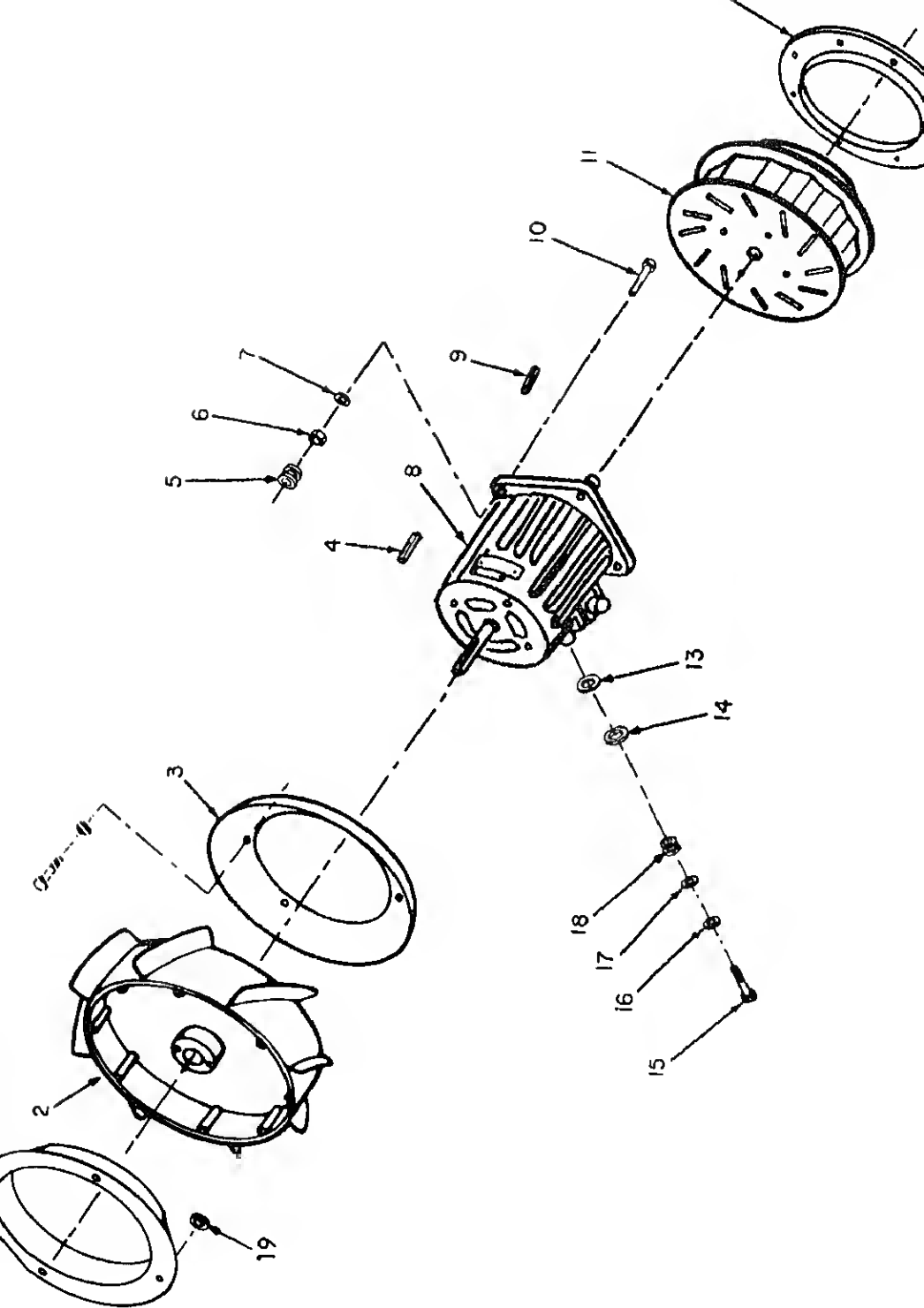




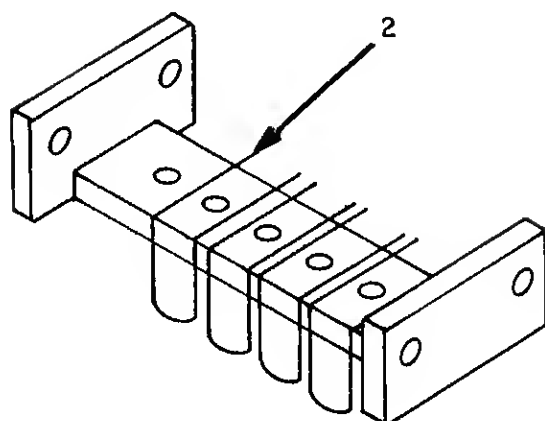
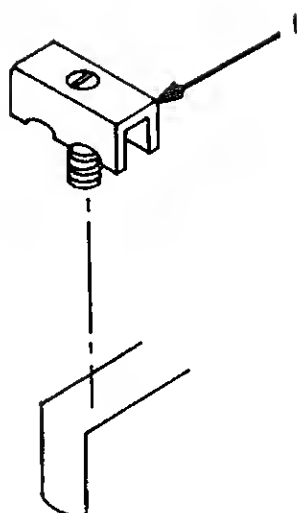
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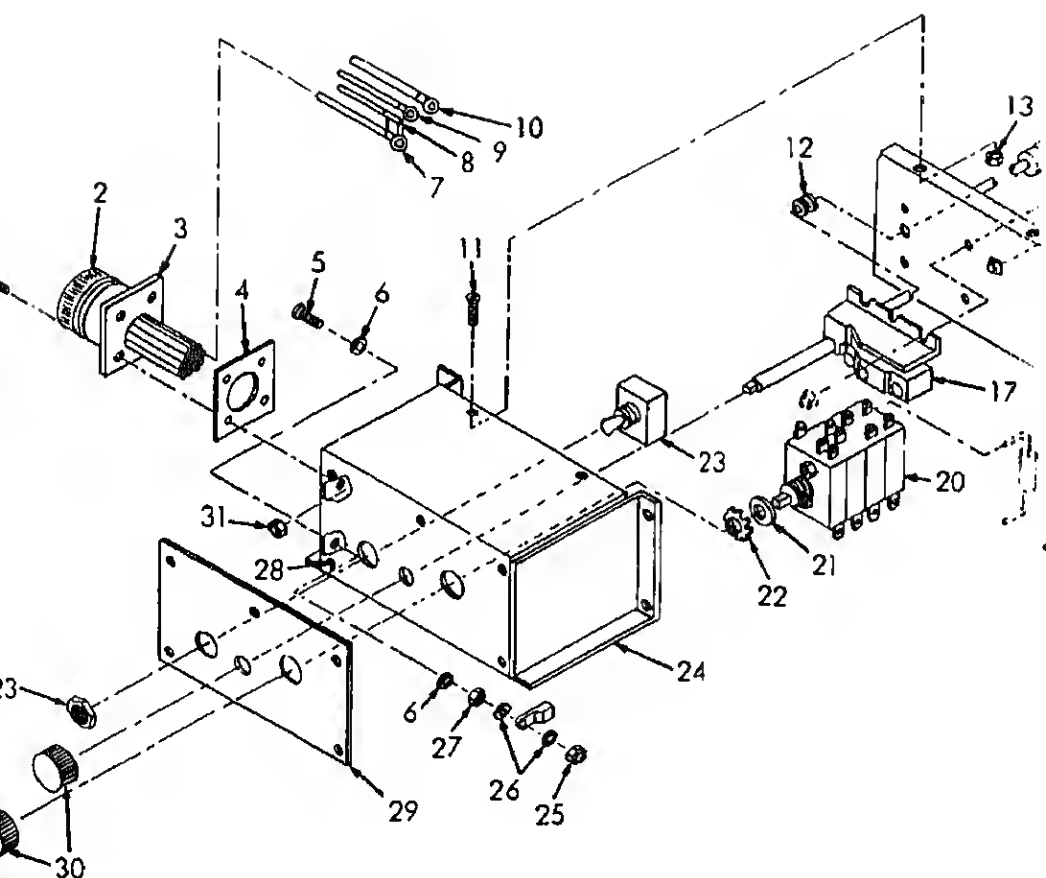
0	CODE	NUMBER	NUMBER	FSCM	USABLE
					SECTION II. REPAIR PARTS LIST GROUP 01 - BODY, CHASSIS, PANELS, GRILLES, SCREWS AND FILTER
1	XBOSS		13115E9857	97403	GRILLE,METAL
2	PAOSE	5330-00-170-0127	MS1523C08F	80105	PACKING,PREFORMED
3	PAOSE	5305-00-984-6193	MS35106-145	96906	SCREW,MACHINE
4	XBOSS		13215E9892	97403	PANEL,TOP
5	PAOSE	5315-00-990-4249	13214E3647-2	97403	PASTERER,TURNDUTTON
6	PAOSE	4130-01-051-7436	13217E2346	97403	OVER
7	PAOSE	5310-00-765-3197	MS27183-41	96906	NER,PLAT
8	PAOSE	5310-00-877-5798	MS2104403	96906	NUT,SELF-LOCKING
9	PAOSE	5915-01-051-2774	13218E9877	97403	FILTER,RF
10	XBOSS		13220E5618	97403	PLATE,RETAINER
11	PAOSE	5305-00-986-7435	MS35207-264	96906	SCREW,MACHINE
12	PAOSE	5305-00-984-7341	MS35191-273	96906	SCREW,MACHINE
13	XBOSS		MS35792-1	96906	SCREW,MACHINE
14	PAOSE	5305-00-984-6193	MS35206-245	96906	SCREW,MACHINE
15	PAOSE	5310-00-045-4007	MS35338-41	96906	WASHER,LOCK
16	XBOSS		13214E3471-5	97403	COVER
17	XBOSS		13215E9909-10	97403	STUD,TURNDLOCK
18	PAOSE	5310-00-530-9963	13211E8386	97403	WASHER,LOCK
19	XBOSS		13217E2343-1	97403	PLATE
20	XBOSS		13217E2343-4	97403	GASKET
21	XBOSS		13217E2343	97403	PANEL,ACCESS
22	PAOSE	5305-00-989-7435	MS35107-264	96906	SCREW,MACHINE
23	PROPE	4120-01-062-0698	13218E8492-1	97403	CONTROL PANEL ASSEMBLY
24	PF000		13217E2366-2	97403	JUNCTION BOX
25	PAOSE	5305-00-984-7441	13214E3744W34	97403	SCREW,PANEL
26	PAOSE	5310-00-520-9344	13211E8337	97403	WASHER,RETAINING
27	XBOSS		13215E9837	97403	PANEL,LOWER
28	XBOSS		13218E9879-1	97403	GASKET
29	PAOSE	5320-00-117-8828	MS20470AD4-8	96906	RIVET,SOLID
30	XBOSS		13215E9878-3	97403	PLATE,INSTRUCTION
31	PAOSE	5320-00-117-6938	MS20426AD3-4	96906	RIVET,SOLID
32	XBOSS		13217E2344	97403	PLATE,INSTRUCTION
33	PAOSE	5325-00-938-5913	13215E9909-17	97403	STUD,TURNDLOCK
34	PAOSE	5310-00-530-9963	13211E8396	97403	WASHER,LOCK
35	XBOSS		13211E8110	97403	GRILLE,INTAKE
36	XBOSS		11ASOFT	81349	RUBBER,SHEET
37	XBOSS		13215E9854	97403	GRILLE,METAL
38	XBOSS		13217E6853	97403	GRILLE,DISCHARGE
39	PAOSE	5320-00-545-9501	MS20600B4W4	96906	RIVET,BLIND
40	XBOSS		13215E9847	97403	PLATE,INSTRUCTION
41	XBOSS		13115E9852	97403	GASKET

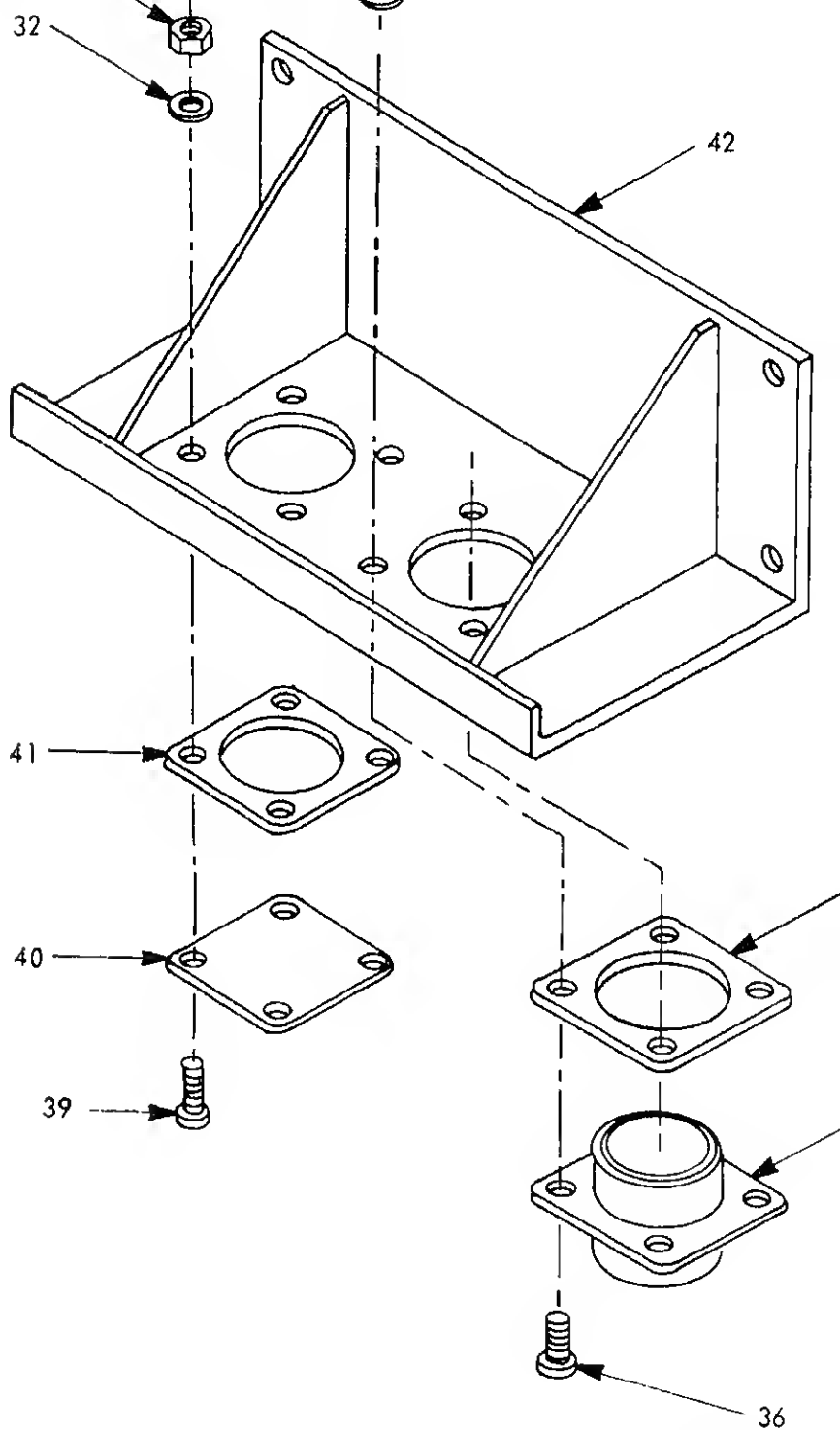
45	PAO22	5320-00-845-9501	MS2060084W4	96906	RIVET, TUBULAR
1	46	XBF22	13215E9860-4	97403	PLATE
1	47	XBO22	13220E5617	97403	PLATE, INSTRUCTION
1	48	XBO22	13217E6816	97403	KNOB
1	49	PAO22	5305-00-984-6195	96906	SCREW, MACHINE
1	50	PAO22	5310-00-045-3293	96906	WASHER, LOCK
1	51	XBO22	13211E8183	97403	GUARD, FAN
1	52	PAO22	5305-01-025-5771	96906	SCREW, MACHINE
1	53	XBC22	MS25043-220	96906	COVER, ELECTRICAL
1	54	PAO22	5310-00-934-9739	96906	NUT, PLAIN, HEXAGON
1	55	PAO22	5310-00-543-2410	96906	WASHER, LOCK
1	56	XBC22	MS51007-8	96906	GASKET
1	57	XPO22	13215E9858	97403	SCREEN, AIR
1	58	XBO22	13217E6815-3	97403	CONTROL ASSEMBLY
1	59	XBO22	13214E3471-2	97403	COVER
1	60	PAO22	5305-00-984-6196	96906	SCREW, MACHINE
1	61	PAO22	5310-00-045-3296	96906	WASHER, LOCK
1	62	PAO22	5305-00-993-1848	96906	SCREW, MACHINE
1	63	PAO22	4730-00-007-9399	97403	PLUG, PIPE
1	64	PAO22	5305-00-068-0514	96906	SCREW, CAP, HEXAGON HEAD
1	65	PAO22	5310-00-543-2009	96906	WASHER, FLAT
1	66	XBO22	13215E9865	97403	PANEL, BOTTOM
1	67	XBF22	13219E2655	97403	BAR, FILLER
1	68	XBF22	13215E9825	97403	CASING
1	69	XBO22	13215E9841	97403	COVER, SWITCH
1	70	XBO22	13215E9823	97403	RETAINER, FILTER
1	71	PAO22	4130-00-981-6615	97403	FILTER
1	72	PAO22	5305-00-984-4984	96906	SCREW, MACHINE
2	73	PAF22	5325-00-263-6632	96906	GROMMET
1	74	PAF22	5930-00-463-3064	97403	SWITCH, PRESSURE
1	75	PAF22	5930-00-275-7800	97403	SWITCH, PRESSURE
1	76	PAF22	5930-00-911-9095	97403	SWITCH, PRESSURE
1		PAO22	5935-00-846-2328	96906	CONNECTOR, PLUG
1		PAO22	5935-00-087-1667	96906	CONNECTOR, PLUG



2	5	XBFSI		1321128300-1	97403	GROMMET
2	6	PAOSI	5310-00-669-2543	MS21045-04	96906	NUT, SELF-LOCKING
2	7	PAOSI	5310-00-809-4058	MS27163-10	96906	WASHER, FLAT
2	8	PAOZL	6105-01-038-8309	1321423728-6	97403	MOTOR, ALTERNATING CURRENT
2	9	PAOSI	5315-00-730-4577	MS20066-147	96906	KEY, MACHINE
2	10	PAOSI	5305-00-957-2640	MS35191-294	96906	SCREW, MACHINE
2	11	PAOSI	6150-00-929-5561	1322615897	97403	FAN, AXIAL, MULTI-WING
2	12	XBOSS		1321128356	97403	ISOLATOR, MOTOR
2	13	PAOSI	5310-00-609-4061	MS27183-15	96906	WASHER, FLAT
2	14	XBOSS		1321128376-5	97403	SPACER, SLEEVE
2	15	PAOSI	5305-00-881-0705	MS51975-17	96906	SCREW, SHOULDER
2	16	PAOSI	5310-00-959-4675	MS35340-46	96906	WASHER, LOCK
2	17	PAOSI	5310-00-080-6004	MS27183-14	96906	WASHER, FLAT
2	18	XBOSS		1321128300-2	97403	GROMMET
2	19	PAOSI	5310-00-401-1420	1321529824-1	97403	WASHER, FLAT

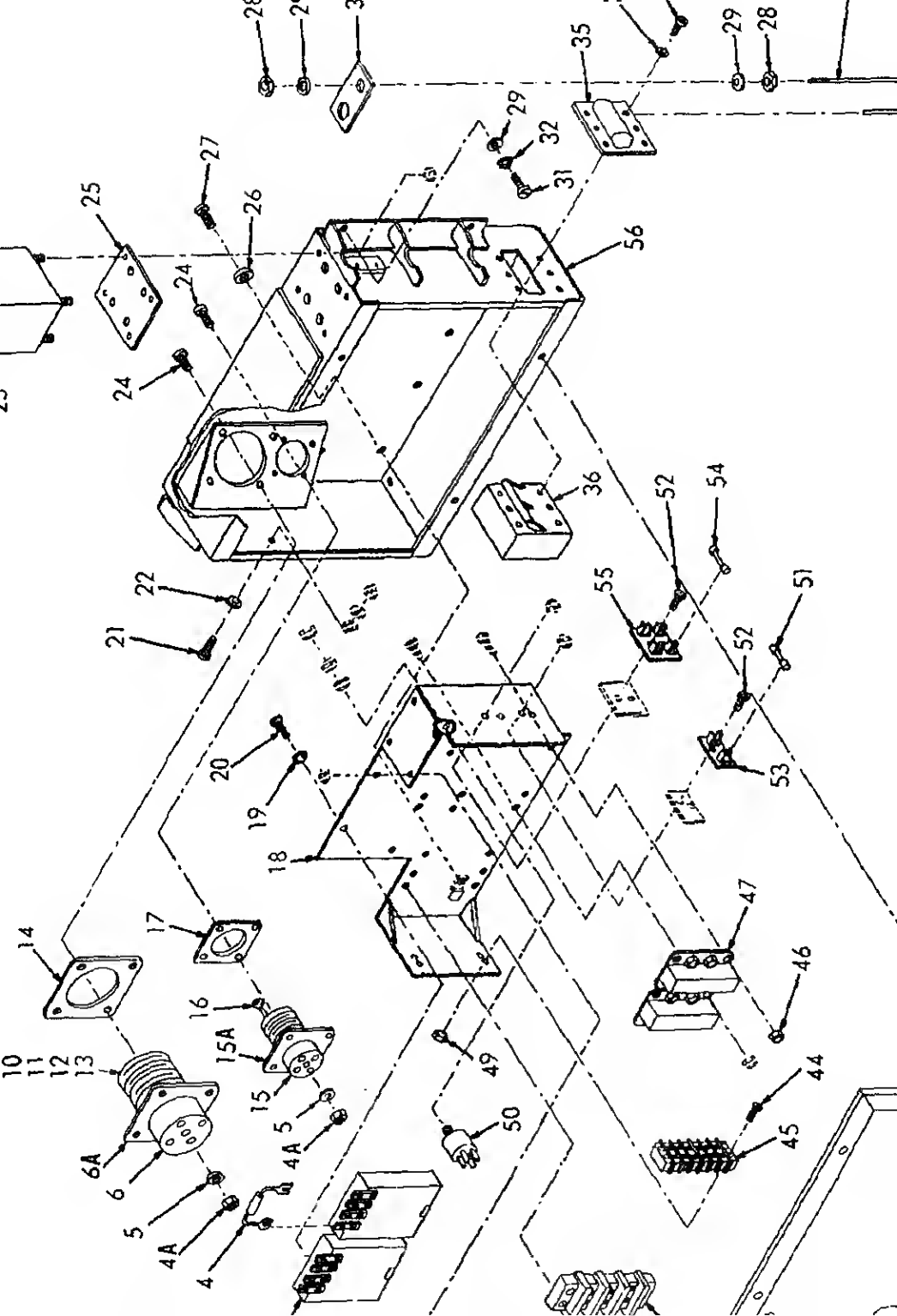






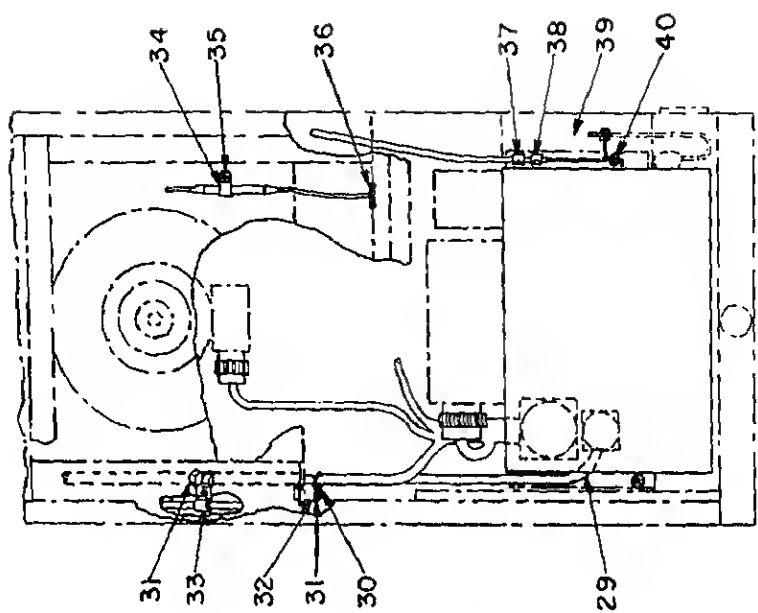
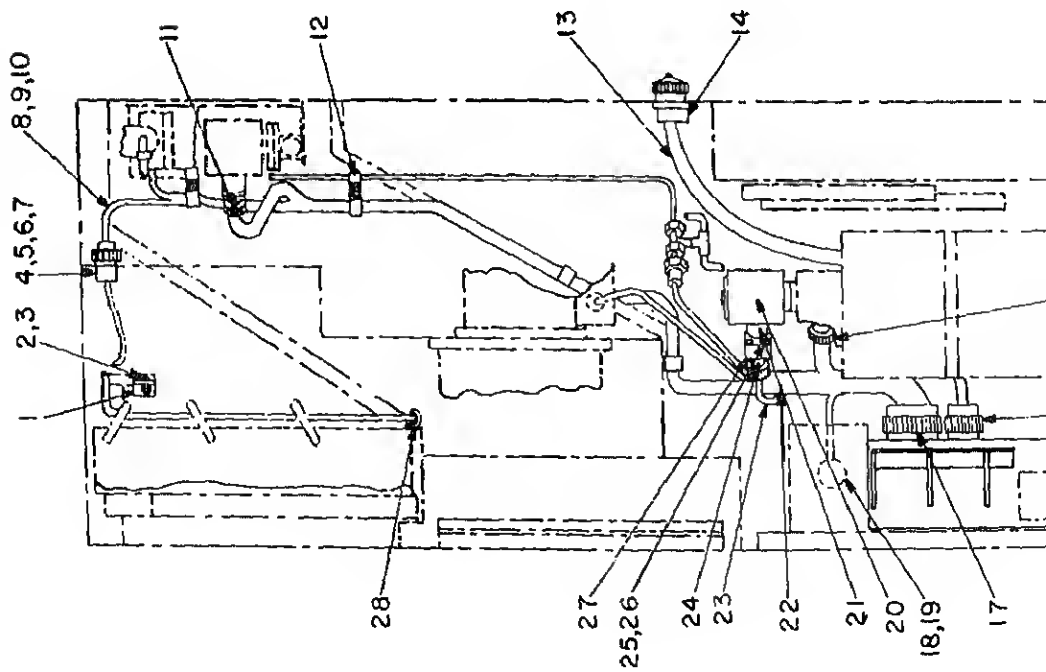
NO.	CODE	NUMBER	NUMBER	FSCM	
					GROUP D5 - ELECTRICAL CONTROLS
1	PA028	5305-00-889-3001	1321188353-1	97403	SCREW, MACHINE
2	PA028	5935-00-818-7448	MS3102R28-11P	96906	CONNECTOR, RECEPTACLE
3	XBO28		1321529853	97403	WIRING HARNESS
4	XBO28		MS51007-10	96906	GASKET
5	PA028	5305-00-995-3444	MS35207-266	96906	SCREW, MACHINE
6	PA028	5310-00-802-8544	MS15795-709	96906	WASHER, FLAT
7	XBO28		MS25036-106	96906	TERMINAL LUG
8	PA028	5940-00-143-4700	MS25036-108	96906	TERMINAL LUG
9	PA028	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG
10	XBO28		1321188288	97403	TERMINAL LUG
11	PA028	5305-00-984-6195	MS35206-247	96906	SCREW, MACHINE
12	XBO28		MS35489-1	96906	GROMMET, RUBBER
13	PA028	5310-00-889-2549	MS21045-08	96906	NUT, PLAIN, HEXAGON
14	PA028	5305-00-989-6265	MS35207-262	96906	SCREW, MACHINE
15	XBO28		MS21105-C	96906	CLAMP, LOOP
16	XBO28		1321888494	97403	PANEL, REAR
17	PA028	5930-00-923-4176	1321188301-1	97403	THERMOSTAT
18	XBO28		WTL23053-5	81349	INSULATION SLEEVING
19	PA028	5905-00-252-1047	ACR320274J8	81349	RESISTOR, FIXED 1W, 270K, 5%
20	PA028	5930-00-236-2351	1321686201	97403	SWITCH, ROTARY
21	PA028	5310-00-080-6004	MS27183-14	96906	WASHER, FLAT
22	PA028	5310-00-627-6128	MS35335-35	96906	WASHER, LOCK
23	PA028	5930-00-683-1628	MS24523-22	96906	SWITCH, TOGGLE
24	XBO28		1321888493	97403	PANEL, CONTROL
25	PA028	5310-00-081-7326	MS21045-3	96906	NUT, SELF-LOCKING
26	PA028	5310-00-809-8546	MS27183-8	96906	WASHER, FLAT
27	PA028	5310-00-934-9751	MS35650-302	96906	NUT, PLAIN, HEXAGON
28	XBO28		1321888495	97403	PLATE, INSTRUCTION
29	PA028	5320-00-582-3304	MS20600A04W2	96906	RIVET, BLIND
30	XBO28		MS91528-2P48	96906	KNOB
31	PA028	5310-00-889-2544	MS21045-06	96906	NUT, SELF-LOCKING
	PA028	4130-00-550-2995	1321529885	97403	BLOCK OFF ASSEMBLY
32	PA028	5310-00-950-1310	MS27183-4	96906	WASHER, FLAT
33	PA028	5310-00-889-2543	MS21045-04	96906	NUT, SELF-LOCKING
34	PA028	5310-00-889-2544	MS21045-06	96906	NUT, SELF-LOCKING
35	PA028	5310-00-082-1404	MS27183-6	96906	WASHER, FLAT
36	PA028	5305-00-889-3001	MS35206-231	96906	SCREW, MACHINE
37	PA028	5935-00-846-2328	MS3106R22-22B	96906	CONNECTOR PLUG
38	PA028	5330-00-828-3628	MS51007-10	96906	GASKET
39	PA028	5305-00-983-6730	MS35206-218	96906	SCREW, MACHINE
40	XBO28		1321483471-5	97403	COVER
41	XBO28		MS51007-8	96906	GASKET

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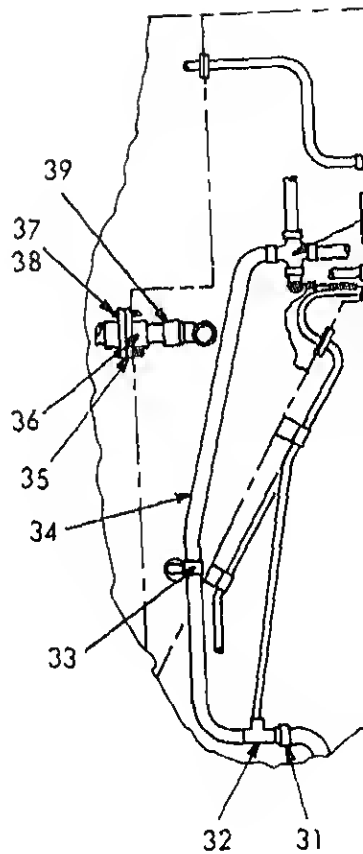
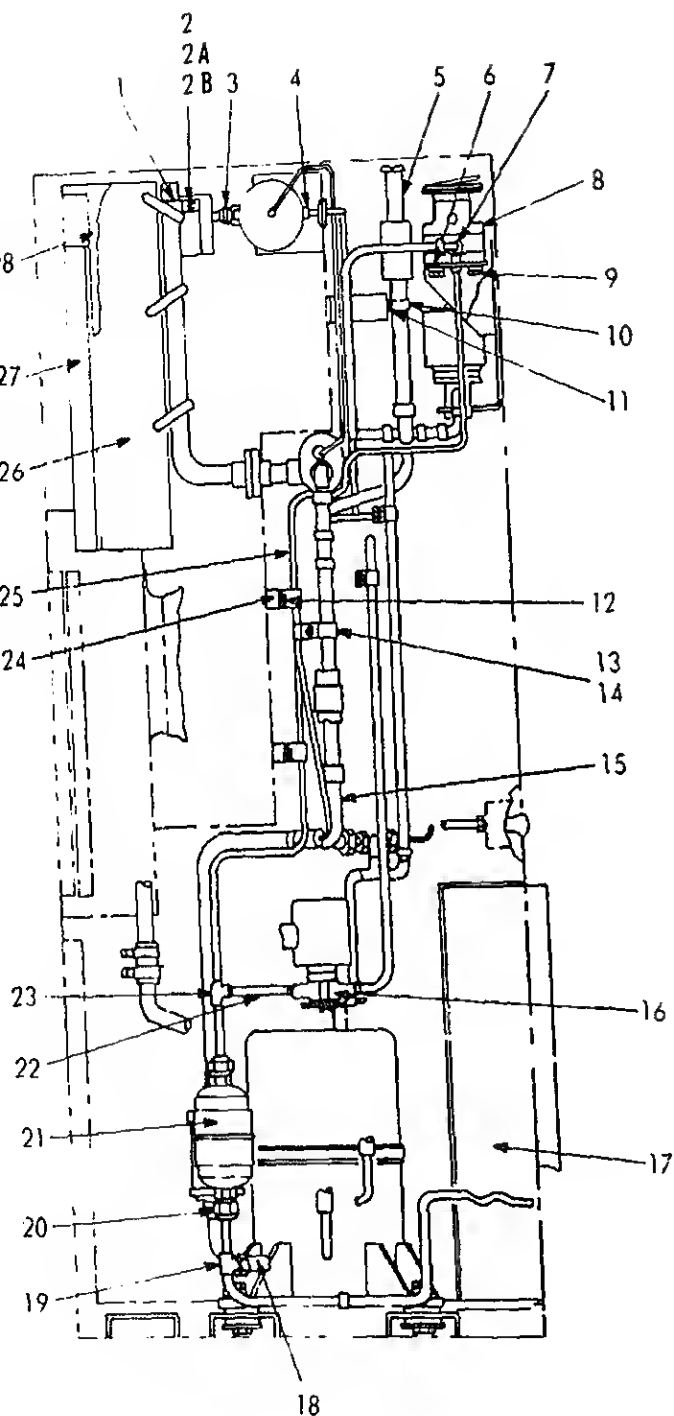


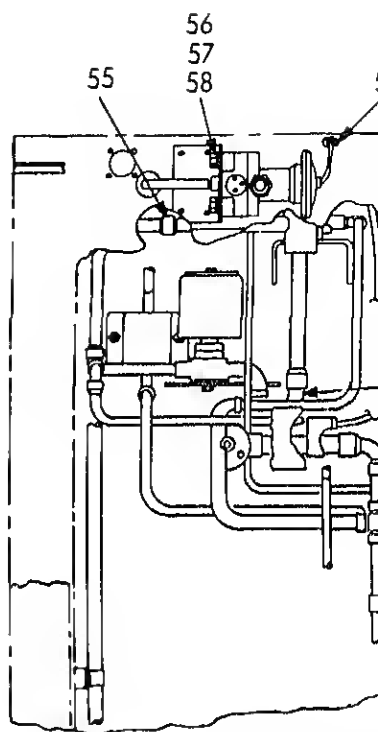
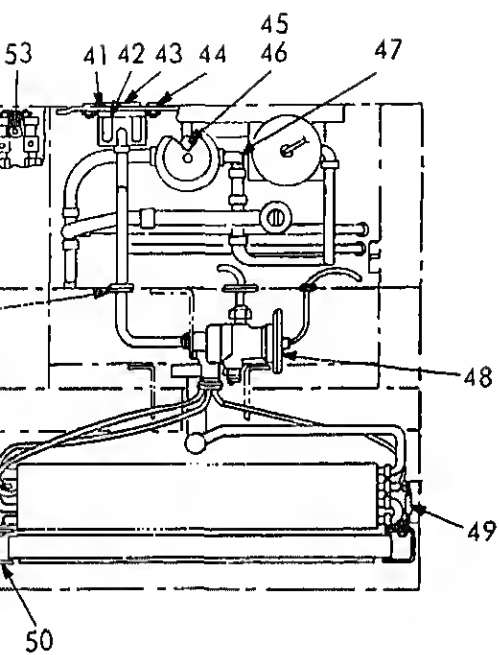
5	4	PA012	5981-01-055-2188	1321529801	96906 NUT, SELF-LOCKING
5	5A	PA012	5310-00-589-2549	M821043-08	96906 WASHER, FLAT
5	5	PA012	5310-00-765-3197	M827183-41	97403 WIRING HARNESS
5	6	XB011		1321529879	96906 CONNECTOR, RECEPTACLE
5	6A	PA012	5935-00-824-7881	M83102R36-75	97403 TERMINAL LUG
5	7	XB011		1321626191-2	97403 TERMINAL LUG
5	8	XB011		1321626191-3	97403 TERMINAL LUG
5	9	XB011		1521626192	96906 TERMINAL LUG
5	10	PA012	5940-00-143-4774	M825036-155	96906 TERMINAL LUG
5	11	PA012	5940-00-143-4780	M835036-108	96906 TERMINAL LUG
5	12	PA012	5940-00-143-4780	M825036-108	96906 TERMINAL LUG
5	13	PA012	5920-00-133-0451	M825036-112	96906 TERMINAL LUG
5	14	XB011		M851007-13	96906 GASKET
5	15	XB011		1321529856	97403 WIRING HARNESS
5	15A	PA012	5935-00-804-5816	M83102R22-22P	96906 CONNECTOR, RECEPTACLE
5	16	PA012	5925-00-133-0451	M825036-112	96906 TERMINAL LUG
5	17	XB011		M851007-8	96906 GASKET
5	18	XB011		1321722368	97403 PANEL BOX
5	19	PA012	5310-00-950-1310	M827183-4	96906 WASHER, FLAT
5	20	PA012	5305-00-983-6730	M835206-218	96906 SCREW, MACHINE
5	21	PA012	5305-00-995-3444	M835207-266	96906 SCREW, MACHINE
5	22	PA012	5310-00-014-5850	M827183-42	96906 WASHER, FLAT
5	23	PA012	5950-00-433-6017	1321423818-6	97403 TRANSFORMER, POWER
5	24	PA012	5305-00-984-6395	M835206-247	96906 SCREW, MACHINE
5	25	XB011		1321423685-2	97403 INSULATOR, PLATE
5	26	XB012		M81523C3P	88044 PACKING, PREFORMED
5	27	PA012	5305-00-989-6265	M835207-262	96906 SCREW, MACHINE
5	28	PA012	5310-00-934-9751	M855650-302	96906 NUT, PLAIN, HEXAGON
5	29	PA012	5310-00-880-9734	13211E8337	97403 WASHER, RETAINING
5	30	XB011		1322025616	97403 PLATE, CONNECTOR
5	31	PA012	5305-01-018-5590	1321423744M5	97403 SCREW, PANEL
5	32	PA012	5310-00-550-1130	M835533-40	96906 WASHER, LOCK
5	33	PA012	5305-00-984-4982	M835206-225	96906 SCREW, MACHINE
5	34	PA012	5310-00-045-4007	M835358-41	96906 WASHER, LOCK
5	35	XB011		1321529822	97403 COVER, CIRCUIT
5	36	PA012	5925-00-236-2550	1321626205-4	97403 CIRCUIT BREAKER
5	37	PA022		1322025615-1	97403 ARM, ACTUATOR
5	38	PA012	5305-01-018-5590	1321423744M5	97403 SCREW, PANEL
5	39	XB012		M81525C4P	88025 PACKING, PREFORMED

PAOZZ	5105-00-984-4976	MS35206-219	96906	SCREW, MACHINE
XBOZZ		37786	81349	TERMINAL, BOARD
PAOZZ	5310-00-889-2549	MS21045-08	96906	NUT, SELF-LOCKING
PAOZZ	5945-00-549-6348	MS24192D1	96906	RELAY, ARMATURE
XBOZZ		13213E0636	97403	TERMINAL BOARD
PAOZZ	5310-00-889-2543	MS21045-04	96906	NUT, SELF-LOCKING
PAOZZ	5961-00-106-5259	13214E3652	97403	RECTIFIER
PAOZZ	5920-00-939-5442	13211E3785	97403	FUSE, CARTRIDGE
PAOZZ	5305-00-059-4552	MS35190-237	96906	SCREW, MACHINE
XBOZZ		13214E3811	97403	FUSE HOLDER
PAOZZ	5920-00-280-3175	F09B250V16-10A	81349	FUSE, CARTRIDGE
XBOZZ		13211E3784	97403	FUSE, HOLDER
XBOZZ		13217E2367	97403	JUNCTION BOX

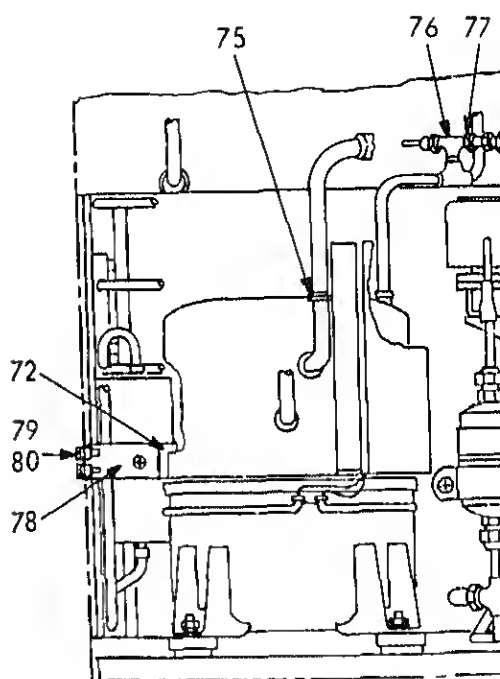
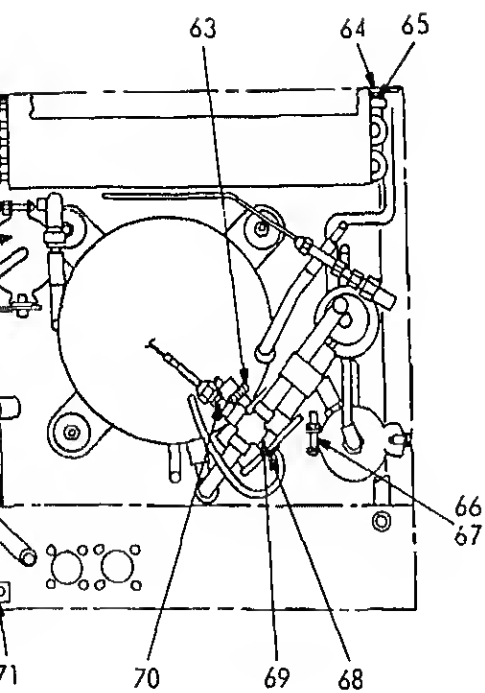


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PAOZZ	5935-00-023-0272	MS3100R14S-6P	96906	CONNECTOR, RECEPTACLE
PAOZZ	5975-00-074-2072	MS3367-1-9	96906	STRAP, CABLE
PAOZZ	5940-00-143-4780	MS25036-108	96906	TERMINAL LUG
PAOZZ	5935-00-721-0488	MS3106R14S-6S	96906	CONNECTOR, PLUG
PAOZZ	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG
PAOZZ	5975-00-074-2072	MS3367-1-9	96906	STRAP, CABLE
PAOZZ	5935-00-846-2329	MS3106R20-27S	96906	CONNECTOR, PLUG
PAOZZ	5340-00-253-5335	MS21104D2	96906	CLAMP, LOOP
XBOZZ		13215F9862	97403	WIRING HARNESS
PAOZZ	5935-00-046-2328	MS3106R22-22S	96906	CONNECTOR, PLUG
PAOZZ	5935-00-682-0552	MS3106R28-11S	96906	CONNECTOR, PLUG
PAOZZ	5935-00-853-2543	MS3100R22-22P	96906	CONNECTOR, PLUG
PAOZZ	5935-00-846-5602	MS3106R36-7P	96906	CONNECTOR, PLUG
PAOZZ	5935-00-816-8646	MS3106R70-15S	96906	CONNECTOR, PLUG
PAOZZ	5940-00-143-4777	MS25036-157	96906	TERMINAL LUG
PAFZZ	4810-00-433-0763	13214E3971	97403	VALVE, SOLENOID
XBFZZ		13214E0696	97403	ADAPTER
XBOZZ		13215E9918	97403	WIRING HARNESS
PAOZZ	5935-00-725-4638	MS3106R12S-38	96906	CONNECTOR, PLUG
PAFZZ	5935-00-801-6615	MS3102R12S3P	96906	CONNECTOR, RECEPTACLE
PAOZZ	5305-00-984-4979	MS35206-222	96906	SCREW, MACHINE
PAOZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING
XBFZZ		MS51007-3	96906	GASKET
XBOZZ		13211E8227	97403	CLIP
XBOZZ		13217E2342	97403	WIRING HARNESS
PAOZZ	5305-00-995-3442	MS35207-268	96906	SCREW, MACHINE
PAOZZ	5340-00-105-8328	MS21104D6	96906	CLAMP, LOOP
XBOZZ		13211E8376-1	97403	SPACER, SLEEVE
PAOZZ	5340-00-106-0549	MS21104D4	96906	CLAMP, LOOP
PAOZZ	5340-00-143-0083	MS21104D5	96906	CLAMP, LOOP
PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE
XBOZZ		13211E8222	97403	GROMMET
PAOZZ	5340-00-078-3615	MS21322-33	96906	CLAMP, LOOP
PAOZZ	5305-00-990-6444	MS35207-261	96906	SCREW, MACHINE
XBFZZ		13219E2656	97403	BRACE
XBFZZ		13217E6817	97403	END FITTING

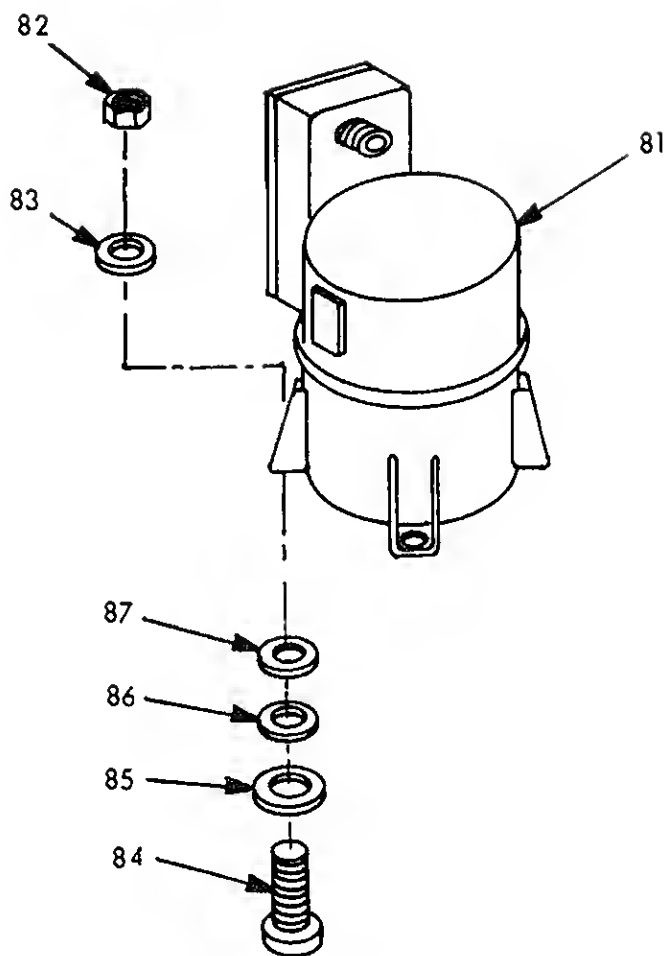




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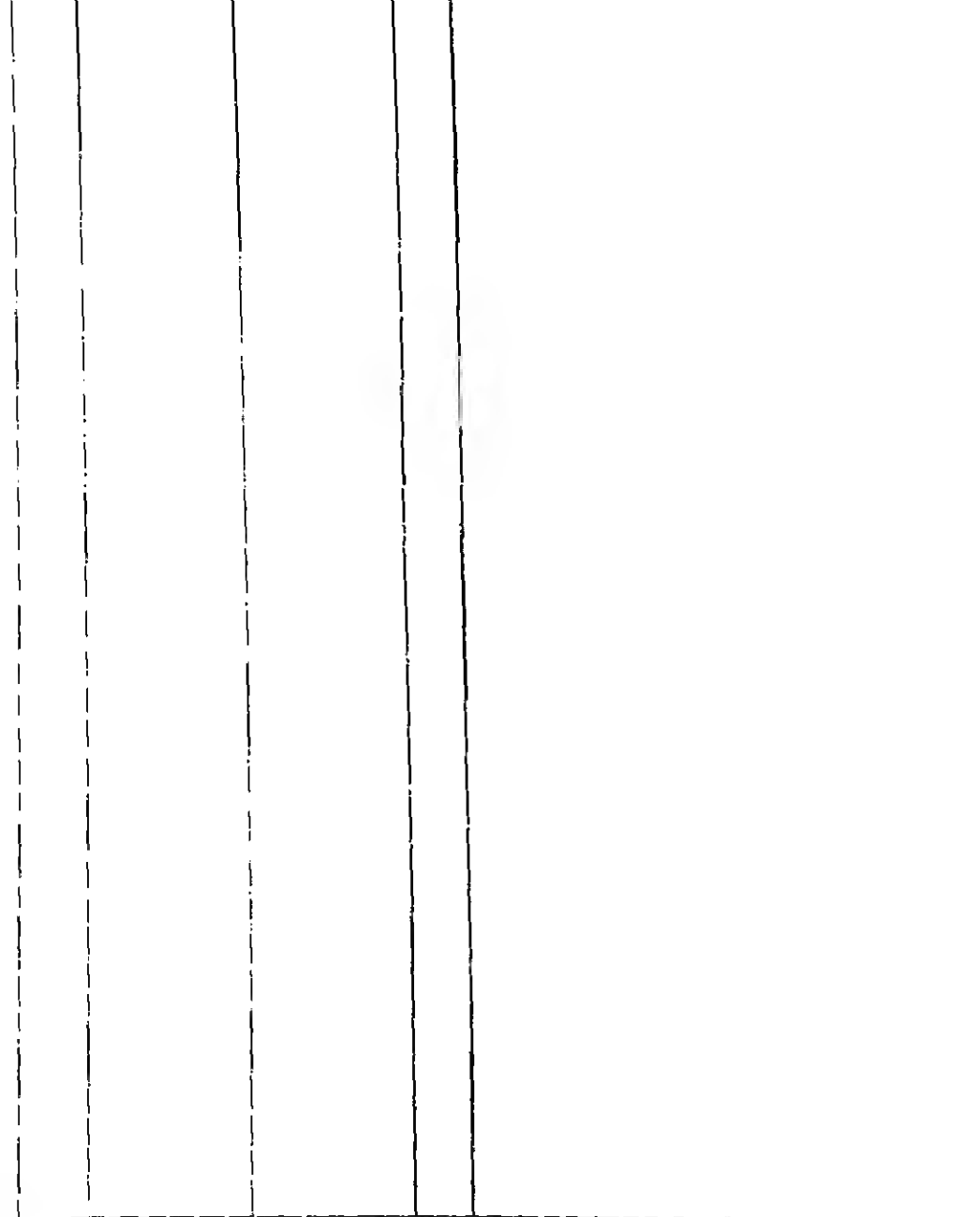


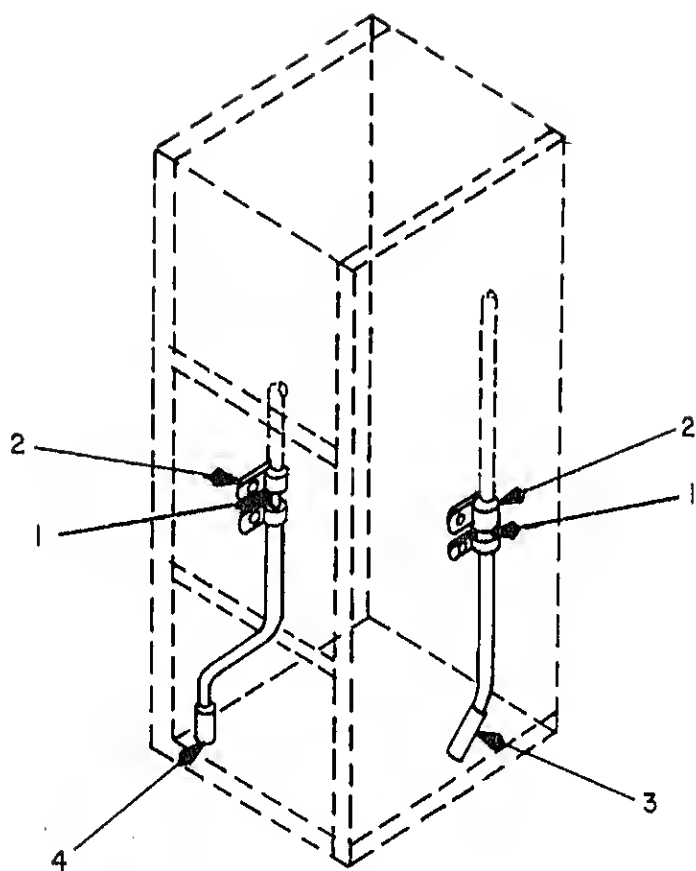
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Figure 7. Refrigerant Piping and Components (Sheet 4 of

22	5310-00-045-3299	MS35338-42	96906 WASHER, LOCK
22		13214E3986	97403 DISTRIBUTOR
22	4730-00-189-2737	MS35872-2	96906 NUT, FLARE
22	4820-00-404-1517	13211E3800	97403 VALVE, PRESSURE
22		13211F8376-3	97403 SPACER, SLEEVE
22		13216E6176-2	97403 ELBOW, TUBE
22	4820-01-055-1283	13214E3785-1	97403 VALVE, EXPANSION
22	5310-00-087-7493	MS27183-13	96906 WASHER, FLAT
22		MS21315-22	96906 STRAP, RETAINING
22	5305-00-889-3000	MS35206-230	96906 SCREW, MACHINE
22	5305-00-995-3441	MS35207-269	96906 SCREW, MACHINE
22	5340-00-106-0551	MS21104010	96906 CLAMP, LOOP
22		13211E3799-2	97403 BUSHING, SLEEVE
22		ASTMB280-62501A	81346 TUBE
22		13214E4224-5	97403 VALVE ASSEMBLY
22	4130-00-550-2857	13215E9817	97403 COIL, CONDENSER
22	4820-00-073-8405	13211E8369	97403 VALVE, RELIEF
22		13214E3411-3	97403 TEE, PIPE
22	4730-00-189-2739	MS35872-3	96906 NUT, FLARE
22	4130-00-572-4709	13214E3793	97403 DRYERATOR
22		ASTMB280-37501A	81346 TUBE
22		13211E4043-7	97403 TEE, PIPE
22		13211F8376-8	97403 SPACER
22		ASTMB280-25001A	81346 TUBE
22	4130-00-550-2856	13215E9836	97403 COIL EVAPORATOR
22	4130-01-011-1217	13219E2647	97403 FILTERING PAD
22		13215E9889	97403 BRACKET, COIL
22		13211F8370	97403 CROSS, BOSS
22		13211E3799-3	97403 BUSHING, SLEEVE
22		13211E3799-5	97403 BUSHING, SLEEVE
22		13211F4043-12	97403 TEE-PIPE
22	5340-00-106-0550	MS2130408	96906 CLAMP, LOOP
22		ASTMB280-50001A	81346 TUBE
22		13211E8394-1	97403 O RING
22		13211E8233	97403 FLANGE
22	5310-00-582-5965	MS35338-48	96906 WASHER, LOCK
22	5305-00-978-9385	MS16997-62	96906 SCREW, CAP, HEXAGON HEAD
22		13216E6190-5	97403 ELBOW, TUBE
22		13219E9540	97403 CAP AND CHAIN

4130-00-073-0906	1321128116	97403	RIGHT CLASP
BP22	1331128245	97403	BRACKET
BP22	1321424334-6	97403	VALVE ASSEMBLY
BP22	NA8125363P	80205	PACKING, PREFORMED
BP22	1331626176-3	97403	ELBOW, TUBE
AF22	4120-00-017-4348	97403	VALVE, EXPANSION
BP22	1321529839	97403	BRACKET, COIL
BOSS	1321529837	97403	BRACKET
BOSS	1321923648	96906	SCREW, MACHINE
AOSS	5305-00-989-7434	96906	GROMMET
AF22	5325-00-351-9366	97403	VALVE, SERVICE
AF22	4820-00-015-6690	96906	SCREW, MACHINE
AOSS	5305-00-584-6193	57403	BUSHING, SLEEVE
BP22	1331123799-5	96906	WASHER, LOCK
AOSS	5310-00-959-4675	96506	WASHER, FLAT
AOSS	5310-00-087-7653	57403	SPACER, SLEEVE
AOSS	5365-01-040-1488	56506	GROMMET
BP22	MS35445-1	57403	ELBOW, TUBE
BP22	1321425563-2	57403	ELBOW, TUBE
BP22	1331525864-5	97403	TEE, PIPE
BP22	1321124043-20	97403	ELBOW, TUBE
BP22	1331123759-4	97403	BRACKET, COIL
BP22	1321529967	56906	SCREW, MACHINE
AOSS	5205-00-957-7812	96906	SCREW, MACHINE
AOSS	5305-00-089-8933	96506	NUT, PLAIN, HEXAGON
AOSS	5310-00-043-0530	97403	BUSHING, SLEEVE
BP22	1321123759-1	57403	CROSS
BP22	1321826857	96906	ADAPTER
AOSS	4730-01-022-3155	97403	ANGLE
BP22	1331923654	57403	BRACKET, RECEIVER
BP22	1321128406	97403	RECEIVER
BP22	1321525633	97403	BRACKET, COIL
BP22	1321529888	97403	BUSHING, SLEEVE
BP22	1331123799-8	94506	TEE, PIPE
AOSS	4730-00-385-4202	81342	FITTING, TUBE
BP22	8AEJ513	97403	BRACKET, RECEIVER
BP22	1333025619	56906	WASHER, LOCK
AOSS	5310-00-592-5862	96906	SCREW, MACHINE
AOSS	5305-00-951-3461	57403	COMPRESSOR UNIT, REF
AOSS	4130-00-139-3372	96906	NUT, PLAIN, HEXAGON
AOSS	5310-00-880-7744	88046	WASHER, FLAT
AOSS	5310-00-167-0767		





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13219E2681	97403	DRAIN TUBE
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XBO22

13219E2681

97403

DRAIN TUBE

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5305-0C-995-3441	7	12	6105-01-038-8309	2
5305-0C-995-3442	6	30	5365-01-040-1488	7
5305-0C-995-3444	4	5	5915-01-051-2774	1
5305-0C-995-3444	5	21	5930-01-054-4128	6
4130-01-011-1217	7	27	5961-01-055-2188	5
5305-01-018-5590	5	31	4820-01-055-1283	7
5305-01-018-5590	5	30	4120-01-062-0698	1

PART NUMBER	FIG. NO.	ITFM NO.	PART NUMBER	FIG. NO.	ITFM NO.	
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ASTMB28C-375D1A	81346	7	22	MS3367-1-9	96906	6
ASTMB28C-509D1A	81346	7	34	MS3367-1-9	96906	6
ASTMB28C-625D1A	81346	7	15	MS35190-237	96906	5
FG9B250V16-10A	81349	5	54	MS35191-273	96906	1
MIL123053-5	81349	4	18	MS35191-294	96906	2
MS15795-710	96906	1	65	MS35206-217	96906	1
MS15795-709	96906	4	6	MS35206-218	96906	4
MS16997-62	96906	7	38	MS35206-218	96906	5
MS20066-143	96906	2	4	MS35206-219	96906	5
MS20066-147	96906	2	9	MS35206-222	96906	6
MS2042EAD3-4	96906	1	30	MS35206-225	96906	5
MS2C47A04-6	96906	1	28	MS35206-227	96906	1
MS206C0A24W2	96906	4	29	MS35206-228	96906	5
MS206C0B4W	96906	5	42	MS35206-230	96906	7
MS206C0B4W4	96906	1	38	MS35206-231	96906	4
MS206C0B4W4	96906	3	45	MS35206-244	96906	6
MS21044H04	96906	6	26	MS35206-245	96906	1
MS2104403	96906	1	8	MS35206-245	96906	1
MS21045-3	96906	4	25	MS35206-245	96906	7
MS21045-04	96906	7	6	MS35206-245	96906	7
MS21045-04	96906	4	33	MS35206-246	96906	6
MS21045-04	96906	5	49	MS35206-247	96906	1
MS21045-06	96906	31	34	MS35206-247	96906	4
MS21045-06	96906	4	34	MS35206-247	96906	5
MS21045-09	96906	4	33	MS35206-248	96906	1
MS21045-08	96906	5	4A	MS35207-261	96906	6
MS21045-08	96906	5	46	MS35207-262	96906	4
MS2110402	96906	6	3	MS35207-262	96906	5
MS2110404	96906	6	12	MS35207-263	96906	7
MS2110405	96906	6	33	MS35207-264	96906	1
MS2110406	96906	6	34	MS35207-264	96906	1
MS21104010	96906	6	31	MS35207-266	96906	4
MS21104012	96906	7	13	MS35207-266	96906	5
MS21105-6	96906	7	3	MS35207-268	96906	6
MS21315-22	96906	4	15	MS35207-269	96906	7
MS21315-22	96906	7	10	MS35207-281	96906	7
MS21322-33	96906	6	37	MS35207-285	96906	7
MS24192D1	96906	5	47	MS35333-40	96906	5
MS24523-22	96906	4	23	MS35335-35	96906	4
MS25036-106	96906	4	7	MS35338-40	96906	1
MS25036-108	96906	4	8	MS35338-41	96906	1
MS25036-133	96906	4	9	MS35338-41	96906	5
MS25036-108	96906	5	11	MS35338-42	96906	1
MS25036-153	96906	5	10	MS35338-42	96906	7
MS25036-108	96906	5	12	MS35338-43	96906	1
MS25036-112	96906	5	13	MS35338-44	96906	7
MS25036-117	96906	5	36	MS35338-48	96906	7
MS25036-108	96906	6	7	MS35340-46	96906	2
MS25036-153	96906	6	9	MS35340-46	96906	7
MS25043-220	96906	1	53	MS35489-1	96906	4
MS27183-4	96906	4	32	MS35489-1	96906	7
MS27183-4	96906	5	19	MS35489-6	96906	1
MS27183-6	96906	4	35	MS35489-11	96906	7
MS27183-8	96906	4	26	MS35489-242	96906	1
MS27183-10	96906	2	7	MS35649-282	96906	7
MS27183-13	96906	7	9	MS35650-302	96906	4
MS27183-13	96906	7	57	MS35650-302	96906	5
MS27183-14	96906	2	17	MS35650-3252	96906	7
MS27183-14	96906	4	21	MS35792-1	96906	1
MS27183-15	96906	2	13	MS35842-10	96906	0
MS27183-41	96906	1	7	MS35871-2-2P	96906	7
MS27183-41	96906	5	5	MS35872-2	96906	7
MS27183-42	96906	5	22	MS35872-3	96906	7
MS3102R1253P	96906	6	24	MS35919-23	96906	7
MS3106R126-3S	96906	6	23	MS51007-3	96906	6
MS3100R14S-CP	96906	6	5	MS51007-8	96906	1
MS3166R14S-6B	96906	6	8	MS51007-8	96906	4
MS3106R22-225	96906	4	37	MS51007-8	96906	5
MS3166R20-276	96906	6	13	MS51007-10	96906	4
MS3106R22-22P	96906	1	30	MS51007-10	96906	4
MS3102R22-22P	96906	5	35A	MS51007-13	96906	5

	96906	7	82	13215E9822	97403	5	35
17	96906	2	15	13215E9823	97403	1	70
7	96906	1	64	13215E9824-1	97403	2	19
2P4B	96906	4	30	13215E9827	97403	7	49
3P	80205	7	46	13215E9825	97403	1	62
38P	80205	1	2	13215E9833	97403	7	23
3P	80205	5	26	13215E9836	97403	7	26
4P	80205	5	19	13215E9837	97403	1	26
1J8	81349	4	19	15215E9827	97403	7	17
	81343	7	77	13215E9839	97403	7	46
	81349	1	35	15215E9841	97403	1	69
28-6	97403	2	8	13215E9844	97403	1	41
99-1	97403	7	68	13215E9847	97403	1	39
99-2	97403	7	14	13215E9851	97403	4	42
99-3	97403	7	30	13215E9852	97403	1	40
99-4	97403	7	63	13215E9853	97403	4	3
99-5	97403	7	31	13215E9854	97403	1	36
99-5	97403	7	55	13215E9857	97403	1	1
99-8	97403	7	75	13215E9856	97403	1	57
00	97403	7	5	13215E9860-4	97403	1	46
94	97403	5	53	13215E9864-5	97403	7	61
95	97403	5	51	13215E9865	97403	1	66
02	97403	2	3	13215E9866	97403	5	15
33-7	97403	7	23	13215E9866	97403	2	2
33-12	97403	7	32	13215E9870-3	97403	1	29
33-20	97403	7	62	5215E9879	97403	5	6
66	97403	7	84	13215E9881	97403	5	4
99	97403	7	81	13215E9884	97403	6	1
99	97403	7	85	13215E9885	97403	4	
70	97403	7	87	13215E9887	97403	7	64
08	97403	1	63	13215E9888	97403	7	74
30	97403	1	51	13215E9869	97403	7	28
40	97403	1	34	13215E9892	97403	1	4
95	97403	1	42	13215E9895	97403	5	40
98	97403	1	43	13215E9909-17	97403	1	52
98	97403	7	43	13215E9909-10	97403	1	16
92	97403	2	1	13215E9917	97403	1	44
94	97403	6	36	13215E9918	97403	6	22
74	97403	1	71	15215E9919	97403	6	4
97	97403	6	26	13215E9921	97403	5	3
92	97403	7	36	13216E6176-2	97403	7	7
32	97403	7	42	13216E6176-3	97403	7	47
95	97403	7	41	13216E6182-3	97403	5	2
95	97403	7	44	13216E6190-5	97403	7	39
98	97403	4	10	13216E6191-3	97403	5	6
00-1	97403	2	5	15216E6181-2	97403	3	7
00-2	97403	2	16	13216E6192	97403	5	9
11-1	97403	4	17	13216E6201	97403	4	20
33	97403	6	1	15216E6205-4	97403	5	36
77	97403	1	25	13216E7690-1	97403	1	74
7	97403	5	29	13216E9965-2	97403	7	60
7	97403	5	41	13217E2341	97403	5	43
9	97403	7	18	15217E2342	97403	6	29
3-1	97403	3	2	13217E2345	97403	1	20
3-1	97403	4	1	13217E2345-1	97403	1	18
6	97403	2	12	13217E2345-4	97403	1	18
0	97403	7	29	13217E2344	97403	1	51
6-1	97403	6	32	13217E2346	97403	1	6
6-3	97403	7	6	13217E2366-2	97403	1	23
6-3	97403	7	56	13217E2367	97403	5	56
6-5	97403	2	14	13217E2368	97403	5	18
6-8	97405	7	24	13217E6815-3	97403	1	58
6	97403	1	17	13217E6816	97403	1	48
4-1	97403	7	35	15217E6617	97403	6	40
6	97403	1	33	13217E6652	97403	1	57
4	97403	1	75	13218E6857	97403	7	69
6	97403	7	72	13215E9877	97403	1	9
6	97403	5	46	13216E9879-2	97403	1	27
1-3	97403	7	19	13218E6492-1	97403	1	22
6	97403	3	1	13218E6493	97403	4	24
1-5	97403	1	15	15216E8494	97403	4	16
1-2	97403	1	59	13216E6495	97403	4	28
1-5	97403	4	40	13259E2647	97403	7	27
7-2	97403	1	5	15219E2648	97405	7	50
2	97403	5	50	15219E2654	97403	7	71
5-2	97403	5	25	13219E2655	97405	1	67
8W34	97403	1	24	15219E2656	97403	6	38
8W5	97403	5	31	13219E2681	97405	8	4
8W5	97403	5	38	13219E2682	97403	8	3
5-1	97403	7	6	12219E9499	97405	7	53
3	97403	7	21	15219E9540	97405	7	40
3-6	97403	5	23	13220E9615-1	97403	5	57
1	97403	5	53	13220E9616	97405	5	30
5-5	97403	7	3	13220E9617	97405	1	47
4-5	97403	7	16	13220E9618	97405	1	10
1-6	97403	7	45	13220E9619	97405	7	78
9	97403	1	76	13226E5892	97403	2	11
				37T86	81349	5	43

uted in accordance with DA Form 12-25C, Operator Maintenance Requirements for
ment, Air Conditioners, 18,000 BTU.

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Materiel Readiness Command
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THEN... JOT DOWN THE
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FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE)

DATE

PUBLICATION NUMBER

TM 5-4120-350-24P

DATE

TITLE

Air Conditioning

Compact, 18,000

BE EXACT... PIN-POINT WHERE IT IS

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AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

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GRAPH

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IT AND DROP IT IN THE
MAIL!

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TITLE

Air Conditioner, Vertical
Compact, 18,000 BTU

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50-741

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AND WHAT SHOULD BE DONE ABOUT IT:

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DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

ATION NUMBER

S-4120-350-24P

DATE

TITLE

Air Conditioner, Vertical
Compact, 18,000 BTU

CT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PARA-
GRAPH

FIGURE
NO.

TABLE
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U.S. Army Troop Support and Aviation
Material Readiness Command
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4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

Weights

= 10 milligrams = .15 grain
 = 10 centigrams = 1.54 grains
 decigrams = .035 ounce
 = 10 grams = .35 ounce
 = 10 dekagrams = 3.52 ounces
 10 hectograms = 2.2 pounds
 100 kilograms = 220.46 pounds
 = 10 quintals = 1.1 short tons

1 sq. centimeter = 100 sq. millimeters = .155 sq.
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq.
 1 sq. meter (centare) = 100 sq. decimeters = 10.
 1 sq. dekameter (ere) = 100 sq. meters = 1,076.4
 1 sq. hectometer (hectare) = 100 sq. dekameters
 1 sq. kilometer = 100 sq. hectometers = .386 sq.

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu.
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu.
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>
centimeters	2.540	ounce-inches	newton-meters
meters	.305	centimeters	inches
meters	.914	meters	feet
kilometers	1.009	meters	yards
square centimeters	6.461	kilometers	miles
square meters	.093	square centimeters	square inches
square meters	.636	square meters	square feet
square kilometers	2.590	square meters	square yards
square hectometers	.406	square kilometers	square miles
cubic meters	.028	square hectometers	acres
cubic meters	.765	cubic meters	cubic feet
milliliters	29.573	cubic meters	cubic yards
liters	.473	milliliters	fluid ounces
liters	.946	liters	pints
liters	3.785	liters	quarts
grams	28.349	liters	gallons
kilograms	.454	grams	ounces
metric tons	.907	kilograms	pounds
newton-meters	1.356	metric tons	short tons
newton-meters	.11375		

Temperature (Exact)

$^{\circ}\text{F}$	Fahrenheit temperature	$\frac{5}{9}$ (after subtracting 32)	Celsius temperature	$^{\circ}\text{C}$
--------------------	---------------------------	---	------------------------	--------------------